AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A valve seal intended for a fluid product aerosol dispenser, ~~characterised in that~~ wherein the said seal includes an elastomer based upon ethylene propylene (EP) and/or ethylene propylene diene monomer (EPDM), and a mineral filler based upon quartz ($Si0_2$) and Kaolinite ($Al_4[(0H)_8Si_4O_{10}]$)"; and

wherein the mineral filler does not comprise feldspar.

2. (original): A seal according to claim 1, in which the mineralogical composition of the mineral filler includes between 65 % and 95 %, preferably 80 %, of quartz, and between 5 % and 35 %, preferably about 20 %, of Kaolinite.

3. (previously presented): A seal according to claim 1, in which the chemical composition of the mineral filler includes between 3% and 15%, preferably about 8 %, of Al_20_3, and between 75 % and 95 %, preferably about 87 %, of SiO_2.

4. (previously presented): A seal according to claim 1, in which the mineral filler has a pH greater than 6, preferably between about 7 and 8.

5. (previously presented): A seal according to claim 1, in which the mineral filler has an average particle size of between 1.5 and 4 microns, preferably about 2.2 microns.

6. (previously presented): A seal according to claim 1, in which the said seal, before its assembly into a fluid product aerosol dispenser, is subjected to a surface chlorination treatment.

7. (original): A seal according to claim 6, in which the said seal is immersed in a solution containing water, hydrochloric acid and bleach.

8. (previously presented): A measuring-out valve for a fluid product aerosol dispenser, characterised in that it includes at least a valve seal according to claim 1.

9. (previously presented): A dispenser for dispensing a fluid product, that includes a reservoir containing a fluid product and a propellant gas, and a valve, preferably a measuring-out valve, mounted on the said reservoir, characterised in that the said valve includes at least a valve seal according to claim 1.

10. (previously presented): A dispenser according to claim 9, in which the said valve includes a valve element sliding in a valve body with the interposition of the valve seal.

11. (previously presented): A dispenser according to claim 9, in which the said propellant gas includes HFC-134a gas and/or HFC-227 gas.

12. (previously presented): A dispenser according to claim 9, in which the reservoir also contains alcohol, and ethanol in particular.

13. (currently amended): A manufacturing process for a valve seal intended for a fluid product aerosol dispenser, ~~characterised in that~~ wherein the process includes the following stages:

- creation of a seal that includes an elastomer based upon ethylene propylene (EP) and/or ethylene propylene diene monomer (EPDM), and a mineral filler based upon quartz (SiO_2) and kaolinite ($Al_4[(OH)_8Si_4O_{10})]$ and wherein the mineral filler is created without feldspar;

- submission of this seal to a surface chlorination treatment.

14. (original): A process according to claim 13, in which the said surface chlorination treatment includes immersing the seal in a solution containing water, hydrochloric acid and bleach.

15. (new): A valve seal for an aerosol dispenser, wherein the valve seal comprises:

an elastomer based upon ethylene propylene (EP) and/or ethylene propylene diene monomer (EPDM); and

a mineral filler based upon quartz ($Si0_2$) and Kaolinite ($Al_4[(0H)_8Si_4O_{10}]$); and

wherein the mineral filler does not comprise feldspar.

16. (new): An aerosol dispenser for dispensing a fluid product, the aerosol dispenser comprising:

a reservoir containing a fluid product and a propellant gas;

a valve mounted on the said reservoir;

wherein said valve comprises at least one valve seal according to claim 15.